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ATRATO WITH 1/2" BSP CONNECTIONS IN PEEK

The 1/2" BSP thread is molded and a die is run down the thread to ensure it is the correct size. As it is a molding it is slightly distorted, which makes the thread tight. However, it is used with fittings on the factory's calibration rig with excellent results.

The process connections are designed for 3 functions:-

1. John guest fitting – as insert
2. 15mm European copper pipe with brass olives
3. 1/2" BSP male parallel thread.

Because of the 15mm copper pipe with olive requirement there is no flat on the front face for a washer and the sealing must be on the thread with a suitable sealant or PTFE tape.

The factory uses a fitting with a flat rubber washer in the base. This seals against the end of the Atrato although it is a very narrow "land". Obviously the washer is a very tight fit in the pocket inside the fitting. PEEK is very strong and **might** take a soft copper washer but there is no experience and therefore would not be recommended as such.

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